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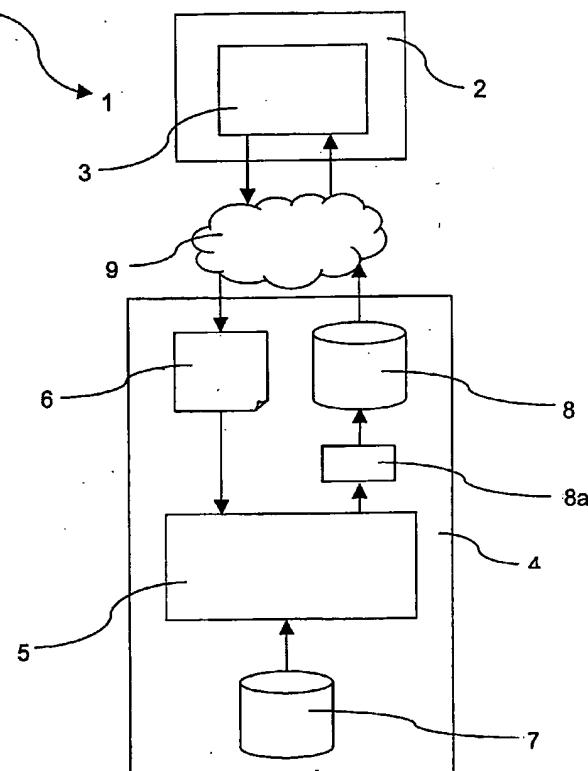
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(54) Title: METHOD FOR EVALUATING THE PERFORMANCES OF A MOBILE TELEPHONY NETWORK



(57) Abstract: The present invention relates to a method of evaluating the performance of a mobile telephone network, comprising at least a first (201) and a second (202) simulation of a first and a second network configuration, respectively, which are statistically independent of each other. Each simulation (201, 202) comprises the following steps: specifying a total number of users to be simulated N_{USER} (s); determining (203, 204, 205, 206) a sequence of activation of user blocks N_{USER} (s) included in this total number of users to be simulated N_{USER} (s) and indicating a traffic distribution; activating (203, 204, 205, 206) said user blocks in succession until said total number of users to be simulated N_{USER} (s) is reached; processing (203, 206, 109, 203, 204, 205, 206) at least one radio resource management event relating to the traffic distribution associated with each currently activated user block. The simulations (201, 202) are repeated until a predetermined accuracy threshold is reached for each simulated network value.

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